



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Geun-Young YEOM et al.
Title: 3-GRID NEUTRAL BEAM SOURCE USED FOR ETCHING
SEMICONDUCTOR DEVICE
Appl. No.: Unassigned
Filing Date: April 1, 2004
Examiner: Unassigned
Art Unit: Unassigned

UTILITY PATENT APPLICATION
TRANSMITTAL

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Geun-Young YEOM
Do-Haing LEE
Byoung Jac PARK

[X] Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- [X] Application Data Sheet (37 CFR 1.76) (3 pages).
- [X] Preliminary Amendment (4 pages).
- [X] Specification, Claim(s), and Abstract (12 pages).
- [X] Formal drawings (7 sheets, Figures 1, 2A, 2B, 3, 4, 5A, 5B, 6, 7A, 7B).

- ☒ Appendix A: Color Photographs of Figures 2A, 2B, 5A, 5B (2 sheets).
- ☒ Declaration and Power of Attorney (4 pages).
- ☒ Assignment of the invention to Sungkyunkwan University (2 pages).
- ☒ Assignment Recordation Cover Sheet.
- ☒ Claim for Convention Priority and Priority Document.
- ☒ Information Disclosure Statement (3 pages).
- ☒ Form PTO/SB/08 with copies of 3 listed reference(s).

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$770.00 =	\$770.00
Total	6	- 20	= 0 x	\$18.00 =	\$0.00
Claims:					
Independents	1	- 3	= 0 x	\$86.00 =	\$0.00
:					
If any Multiple Dependent Claim(s) present:			+	\$290.00 =	\$0.00
				SUBTOTAL: =	\$770.00
<input checked="" type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):				=	\$385.00
				TOTAL FILING FEE: =	\$385.00
Assignment Recordation Fee:			+	\$40.00 =	\$40.00
TOTAL FEE				=	\$425.00

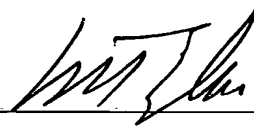
- ☒ A check in the amount of \$425.00 to cover the filing fee and fee for recordation of Assignment is enclosed.
- ☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be

enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

By



Date: April 1, 2004

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